

IN THE CLAIMS:

Claims 1-18 canceled.

19. (New) A process for preparing a breathable, elastic polyolefin film, comprising the steps of:

blow extruding a mixture of polyolefin, styrenic thermoplastic elastomer and filler to form a tubular element;

squeezing the tubular element to obtain a flat film having two superimposed layers;

heating the flat film to its softening point;

pressing the flat film, heated to its softening point, thereby joining the two layers together;

cooling the flat film to a temperature of 8 to 30°C; and

stretching the cooled film in the transverse and/or longitudinal directions to obtain a breathable elastic film.

20. (New) A process as claimed in claim 1, further comprising the steps of:

covering the breathable elastic film with a separating material; and

winding the film covered with the separating material into a roll.

21. (New) A process as claimed in claim 19, wherein said mixture comprises 30% to 70% by weight filler, 10% to 40% by weight styrenic thermoplastic elastomer and 10% to 50% by weight polyolefin.

22. (New) A process as claimed in claim 20 wherein said separating material has a continuous structure.

23. (New) A process as claimed in claim 22, wherein said separating material is selected from the group consisting of paper and nonwoven fabric film.

24. (New) A process as claimed in claim 23, wherein said paper or nonwoven fabric film is coupled to said extruded breathable elastic film by an adhesive.

25. (New) A process as claimed in claim 23, wherein said paper or nonwoven fabric film is coupled to said extruded breathable elastic film in the absence of adhesives.

26. (New) A process as claimed in claim 20, wherein said separating material has a discontinuous structure.

27. (New) A process as claimed in claim 26, wherein said separating material is in a form of a layer of a powdered material.

28. (New) An apparatus for producing a breathable elastomeric polyolefin film, comprising, in operative succession:

a blow extruder for extruding a tubular element;

a first calender for squeezing the extruded tubular element fed from the blow extruder to obtain a flat film composed of two superimposed layers;

heating means for heating the squeezed extruded tubular film to its softening point;

a second calender for pressing the film heated to its softening point in order to join the two layers together;

cooling means for cooling the pressed film to a temperature of 8 to 30°C;

stretching means for stretching the pressed film in the transverse and/or longitudinal directions;

cooling means for stretch stabilization by cooling the extruded stretched film;

means for covering the extruded stretched film with a separating material; and

a reeling machine for winding the film covered by said separating material into a roll.

29. (New) A breathable elastic film comprising 20%-30% by weight thermoplastic elastomer, 30% to 70% by weight filler and 27% to 34% by weight polyolefin.